



## INDOOR UNIT

## Energy Recovery Ventilator



## SPECIFICATIONS

**Ventilation Type:**  
Static plate, heat and humidity transfer

**Typical Airflow Range:** 40–110 CFM

**Unit is HVI Tested/Certified per CSA C439**  
**Protocol:** Using one L-100-G5 Core

**Standard Features:**

White painted cabinet  
Line-cord power supply  
Low-voltage circuit for controls  
Unit may be mounted in any orientation  
Cross-core differential pressure ports

**Controls:**

Onboard 24VAC transformer/relay package

**Filters:**

Total qty. 2, MERV 8, spun-polyester media:  
10 1/2" x 21 3/4" x 1"

**Unit Weight:** 51 lbs.

**Max. Shipping Dimensions & Weight (in carton):**  
33" L x 22" W x 29" H  
65 lbs.

**Motor(s):**

Qty. 2, Standard motorized impeller blowers

**Accessories:**

Backdraft damper: 6", 8"  
Automatic balancing damper: 4", 5", 6"  
Louvered wall vent 6": white, brown  
Digital time clock: wall mount (TC7D-W),  
in exterior enclosure (TC7D-E)  
Carbon dioxide sensor/control: wall mount (CO2-W),  
duct mount (CO2-D)  
IAQ sensor: wall mount (IAQ-W), duct mount (IAQ-D)  
Motion occupancy sensor/control:  
ceiling mount (MC-C), wall mount (MC-W)  
Percentage timer control (PTL)  
Push-button point-of-use controls (PBL), PTL req'd.  
Percentage timer control with furnace interlock (FM)  
MERV 13 filter: OA airstream (shipped loose)  
Electric duct heater: RH series (1–3 kW);  
designed for indoor ductwork installation only

## ELECTRICAL DATA

HP	Volts	Hz	Phase	Input Watts	FLA
0.03	120	60	Single	44 @ 90 CFM	0.35

## UNIT PERFORMANCE

Airflow CFM	ESP in H <sub>2</sub> O
42	0.60
55	0.50
74	0.40
87	0.30
100	0.20
108	0.10

## CORE PERFORMANCE

Airflow CFM	Temp EFF%	Total EFF% Winter/Summer*
42	86	83/71
55	85	82/70
74	84	80/68
87	83	79/67
100	82	78/66
108	82	78/65

**Note:** These are core-only ratings and are not HVI certified.

HVI ratings apply to complete units only.

See HVI certification ratings on pg. 33 of Single/Multi-Family Catalog.

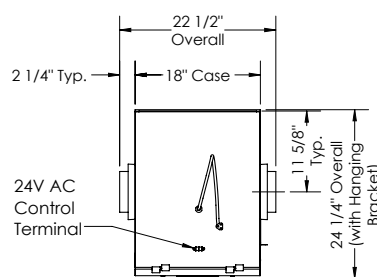
## UNIT DIMENSIONS

**AIRFLOW ORIENTATION**

Available as shown in dimension drawing.

**UNIT MOUNTING & APPLICATION**

Can be mounted in any orientation. RA/OA airstream can be switched with OA/FA airstream.



TOP VIEW

**ABBREVIATIONS**

EA: Exhaust Air to outside  
OA: Outside Air intake  
RA: Room Air to be exhausted  
FA: Fresh Air to inside

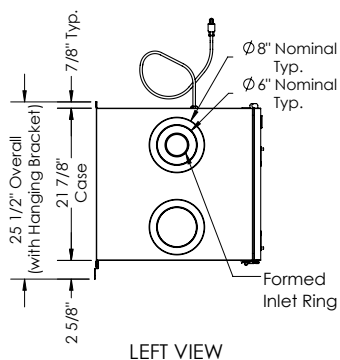
**INSTALLATION ORIENTATION**

Unit may be installed in any orientation.

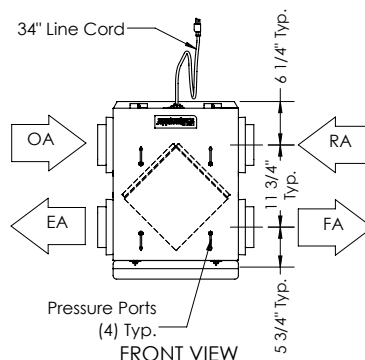
**NOTE**

1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE ROUNDED TO THE NEAREST EIGHTH OF AN INCH.

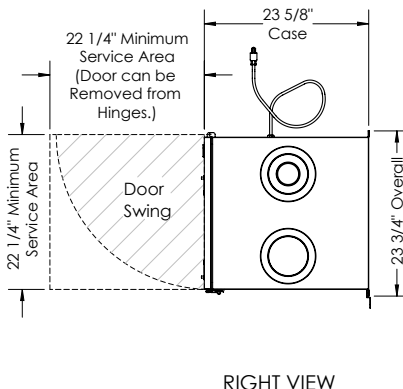
2. SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.



LEFT VIEW



FRONT VIEW



RIGHT VIEW